

## Features

- ▶ Microprocessor Controlled
- ▶ 40 Tricolor LEDs
- ▶ 40 Programmable Control Switches
- ▶ Ribbon Cable Connected
- ▶ Occupies One Node Address
- ▶ No Wiring Required
- ▶ Echelon® LonTalk® Communications
- ▶ Low Power Consumption
- ▶ 1/2 Module Footprint

## Description

The DCM-41 Display Control Module is used to display status in the LSN 2000 system. The DCM-41 consists of 40 programmable tricolor LEDs with 40 membrane switches. Any device when activated can be displayed on the DCM-41 as a Red or Green indicator LED. Amber is reserved for when the device goes into trouble. The DCM-41 can also be used to display status of a group of devices or an event. The Display Control Module also contains 40 membrane switches behind the legend inserts. Each switch is user programmable to activate a device such as a fan or speaker. Its corresponding LED can be programmed to light upon activation of the switch or when the device returns a status it has been activated.

The DCM-41 Display Control Module programmable capabilities are very powerful. Every LED/Switch is uniquely programmed. Any LED/Switch can be programmed to display the status of an alarm device such as a smoke detector, or group of devices or bypass a single device or a floor of automatic devices. The DCM-41 Display/Control module makes issuing controls an easy one button operation. The DCM-41 occupies a node address within the system and requires only the network cable for connection.

## Approvals and Listings

Underwriters Laboratories (File No. S2184)  
 NYC MEA (MEA No. 32-95-E)  
 California State Fire Marshal (7165-1496:0100)

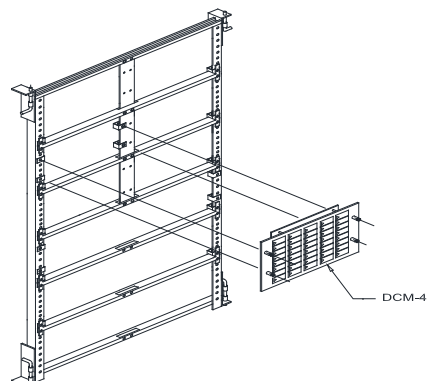


## Application

The DCM-41 Display/Control module displays device status and events in the LSN 2000 system. The DCM-41 is also used to control devices such as dampers, fans, speakers, doors or firefighter telephones. The DCM-41 provides a simple one button operation for controlling devices or disabling a floor of devices. Multiple DCM-41 modules can be placed in the Fire Command Center enclosure if required.

## Installation

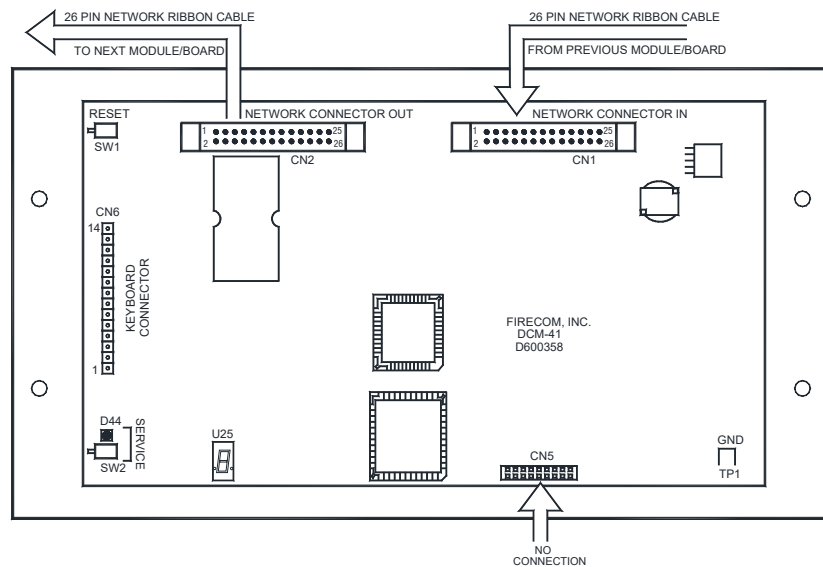
The DCM-41 Display Control Module occupies 1/2 panel space and mounts to the HS-1 Horizontal Strap and VS-1 Vertical Strap in the Fire Command Center enclosure.



# Engineering Specifications

The DCM-41 Display Control Module shall contain 40 tricolor LEDs with 40 associated membrane switches. Each LED/Switch shall be programmable to indicate the status of a device or control a device. The DCM-41 shall occupy one node address in the system. Each LED/Switch shall be assigned its own unique address or be mapped to a device or event. An event can be a time function, group disable, control group or sequence. When the DCM-41 is mapped to a device, the LED shall indicate the status of that device. If the device is capable of being controlled, the LEDs associated membrane switch shall control the device. The LED shall illuminate RED or GREEN according to its configured program. Typically fire alarm devices in alarm will be configured RED and active monitor devices will be configured GREEN.

# Wiring Connection



# Electrical Specifications

|                                   |                   |
|-----------------------------------|-------------------|
| Operating Voltage                 | 24VDC             |
| Operating Current - Stand-by      | 37mA              |
| Operating Current - Alarm         | 85mA              |
| Operating Temperature             | 0°C to 49°C       |
| Operating Relative Humidity Range | 0% to 93% @ 32° C |
| Battery Standby Current           | 37mA              |
| Battery Alarm Current             | 85mA              |

# Ordering Information

| Model No. | Part No. | Description            |
|-----------|----------|------------------------|
| DCM-41    | 72158    | Display Control Module |

It is our intention to keep the product information up to date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information contact: FIRECOM, INC.